

MULTISTAGE BELT-TYPE TRANSPORTATION CENTRALIZED CONTROL DEVICE FOR COAL WASHERY

A multistage belt-type transportation centralized control device for a coal washery comprises a multistage belt-type transportation monitoring device. A controller of the centralized control device is a PLC. Each-stage belt-type conveyor unloader of the centralized control device, a iron removal device, an electro-hydraulic overturning plate, an electric gate, a band-type brake detection switch, a contact feedback detection switch of a main contactor are connected to an input/output endpoint of the PLC. A multistage belt-type transportation starting and stopping sequence and fault processing are monitored, meanwhile, the unloader, the iron removal device, the electro-hydraulic overturning plate and the electric gate device in the coal washery are centralized and integrated, and are monitored in a unified manner. The centralized control device can provide protection in a case in which the band-type brake and the contact of the main contactor are not closed.

FIG.1